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MEMORANDUM

TO: J. Lawson

MEMO NO.: 102-APP-293

FROM: A. Paradice

FILE: 0005-407
(D-495-003)

SUBJECT: Unifirst, Woburn

DATE: 9/30/87

The results for the analysis of various Water samples received from the Unifirst, Woburn site, on 8/26 and 8/27/87 are attached. The cost for these analyses is \$6,210.

APP/eps

cc:

memo only

P. Pelletier

M. Sparlin

T. Trainor

Report Gen.

+ disposition letter

M. Lynn

+ report

Chemistry File

DATA AND REPORT APPROVAL FORM

SUBMITTED BY:

Analytical Chemistry Laboratory
ERT A Resource Engineering Company
33 Industrial Way
Wilmington, MA 01887
September 30, 1987

DATA SUBMITTED BY:

Thomas M. Trainor, Ph.D.



Program Manager

DATA AUDITED BY:

Marti Sparlin



Quality Control Coordinator

ERT
33 Industrial Way
Wilmington, MA 01887
(617) 657-4290

From: LABORATORY MANAGER

Date of
Issuance: September 30, 1987

Subject: SAMPLE RETENTION TERMS

Client: Unifirst, Woburn

Date Sample
Received: 8/26/87 and 8/27/87

Number of Samples
Received/Matrix: 23 Water

It is the policy of ERT to dispose of unanalyzed portions of samples thirty (30) days following submittal of the pertinent final analytical results report. This letter serves as notification that the above samples will be due for disposal. Sample extracts for organic analyses will be archived for one (1) year. Separate notification will be sent to you prior to disposal of sample extracts.

- A. ERT will return to you all unused samples at your expense (Federal Express), or
- B. ERT will maintain custody of the samples at a cost of fifteen dollars (\$15.00) per sample per quarter for refrigerated storage, and three dollars (\$3.00) per sample per quarter for ambient storage. You will be billed in advance each quarter based upon the number of samples in storage at the beginning of the quarter. The minimum storage fee per project will be fifty dollars (\$50.00) per quarter to cover administrative costs.

YOU MUST RETURN THIS LETTER TO THE LABORATORY MANAGER WITH PROPER AUTHORIZATION (i.e., Purchase Order Number, Federal Express Number, etc), SAMPLE OPTION, SIGNATURE AND DATE WITHIN THIRTY (30) DAYS OF ISSUANCE OR THE SAMPLES INDICATED ABOVE WILL BE DISPOSED.

OPTION: _____

AUTHORIZATION NO.: _____ (Federal Express)

_____ (Purchase Order)

SIGNATURE: _____

DATE: _____

DATA AND REPORT APPROVAL FORM

SUBMITTED BY:

Analytical Chemistry Laboratory
ERT A Resource Engineering Company
33 Industrial Way
Wilmington, MA 01887
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Thomas M. Trainor, Ph.D.

Thomas M. Trainor
Program Manager

DATA AUDITED BY:

Marti Sparlin

Quality Control Coordinator

**VOLATILE ORGANIC COMPOUNDS
IN WATER**

Summary of Analytical Results

Duplicate Sample Results

Method Blank Results

Quality Control Sample Results

HAZARDOUS SUBSTANCE LIST (HSL) VOLATILE ORGANICS

EPA Method 624/HSL L1st

Client Name: ERTClient ID: 46766 VXC-9-2Laboratory ID: 5160-01Matrix: WaterSampled: 08/26/87Received: 08/27/87Authorized: 08/27/87Prepared: 09/06/87Analyzed: 09/06/87

<u>Parameter</u>	<u>Result</u>	<u>Units</u>	<u>Reporting Limit</u>
Chloromethane	ND	µg/L	25
Bromomethane	ND	µg/L	25
Vinyl chloride	ND	µg/L	25
Chloroethane	ND	µg/L	25
Methylene chloride	ND	µg/L	25
Acetone	ND	µg/L	25
Carbon disulfide	ND	µg/L	250
1,1-Dichloroethene	ND	µg/L	10
1,1-Dichloroethane	ND	µg/L	10
trans-1,2-Dichloroethene	ND	µg/L	10
Chloroform	ND	µg/L	10
1,2-Dichloroethane	ND	µg/L	10
2-Butanone	ND	µg/L	10
1,1,1-Trichloroethane	ND	µg/L	50
Carbon tetrachloride	ND	µg/L	10
Vinyl acetate	ND	µg/L	10
Bromodichloromethane	ND	µg/L	50
1,2-Dichloropropane	ND	µg/L	10
trans-1,3-Dichloropropene	ND	µg/L	10
Trichloroethene -----	14	µg/L	10
Dibromochloromethane	ND	µg/L	10
1,1,2-Trichloroethane	ND	µg/L	10
Benzene	ND	µg/L	10
cis-1,3-Dichloropropene	ND	µg/L	10
2-Chloroethyl vinyl ether	ND	µg/L	50
Bromoform	ND	µg/L	10
4-Methyl-2-pentanone	ND	µg/L	50
2-Hexanone	ND	µg/L	50
1,1,2,2-Tetrachloroethane	ND	µg/L	50
Tetrachloroethene -----	300	µg/L	10
Toluene -----	74	µg/L	10
Chlorobenzene	ND	µg/L	10
Ethyl benzene	ND	µg/L	10
Styrene	ND	µg/L	10
Total xylenes	ND	µg/L	10

ND = Not detected.

Reported by SA Approved by Am ✓

HAZARDOUS SUBSTANCE LIST (HSL) VOLATILE ORGANICS

EPA Method 624/HSL List

Client Name: ERTClient ID: 46767 VC-9-3Laboratory ID: 5160-02Matrix: WaterSampled: 08/26/87Received: 08/27/87Authorized: 08/27/87Prepared: 09/06/87Analyzed: 09/06/87

<u>Parameter</u>	<u>Result</u>	<u>Units</u>	<u>Reporting Limit</u>
Chloromethane	ND	µg/L	25
Bromomethane	ND	µg/L	25
Vinyl chloride	ND	µg/L	25
Chloroethane	ND	µg/L	25
Methylene chloride	ND	µg/L	25
Acetone	ND	µg/L	25
Carbon disulfide	ND	µg/L	250
1,1-Dichloroethene	ND	µg/L	10
1,1-Dichloroethane	ND	µg/L	10
trans-1,2-Dichloroethene	ND	µg/L	10
Chloroform	ND	µg/L	10
1,2-Dichloroethane	ND	µg/L	10
2-Butanone	ND	µg/L	10
1,1,1-Trichloroethane	15	µg/L	50
Carbon tetrachloride	ND	µg/L	10
Vinyl acetate	ND	µg/L	10
Bromodichloromethane	ND	µg/L	50
1,2-Dichloropropane	ND	µg/L	10
trans-1,3-Dichloropropene	ND	µg/L	10
Trichloroethene	ND	µg/L	10
Dibromochloromethane	ND	µg/L	10
1,1,2-Trichloroethane	ND	µg/L	10
Benzene	ND	µg/L	10
cis-1,3-Dichloropropene	ND	µg/L	10
2-Chloroethyl vinyl ether	ND	µg/L	10
Bromoform	ND	µg/L	50
4-Methyl-2-pentanone	ND	µg/L	10
2-Hexanone	ND	µg/L	50
1,1,2,2-Tetrachloroethane	ND	µg/L	50
Tetrachloroethene	490	µg/L	10
Toluene	18	µg/L	10
Chlorobenzene	ND	µg/L	10
Ethyl benzene	ND	µg/L	10
Styrene	ND	µg/L	10
Total xylenes	ND	µg/L	10

ND = Not detected.

Reported by SAApproved by Am VP

HAZARDOUS SUBSTANCE LIST (HSL) VOLATILE ORGANICS

EPA Method 624/HSL List

Client Name: ERTClient ID: 46768 VC-9-4Laboratory ID: 5160-03Matrix: WaterSampled: 08/26/87Received: 08/27/87Authorized: 08/27/87Prepared: 09/04/87Analyzed: 09/04/87

<u>Parameter</u>	<u>Result</u>	<u>Units</u>	<u>Reporting Limit</u>
Chloromethane	ND	µg/L	50
Bromomethane	ND	µg/L	50
Vinyl chloride	ND	µg/L	50
Chloroethane	ND	µg/L	50
Methylene chloride	ND	µg/L	50
Acetone	ND	µg/L	500
Carbon disulfide	ND	µg/L	20
1,1-Dichloroethene	ND	µg/L	20
1,1-Dichloroethane	ND	µg/L	20
trans-1,2-Dichloroethene	24	µg/L	20
Chloroform	ND	µg/L	20
1,2-Dichloroethane	ND	µg/L	20
2-Butanone	ND	µg/L	100
1,1,1-Trichloroethane	60	µg/L	20
Carbon tetrachloride	ND	µg/L	20
Vinyl acetate	ND	µg/L	100
Bromodichloromethane	ND	µg/L	20
1,2-Dichloropropane	ND	µg/L	20
trans-1,3-Dichloropropene	ND	µg/L	20
Trichloroethene	ND	µg/L	20
Dibromochloromethane	ND	µg/L	20
1,1,2-Trichloroethane	ND	µg/L	20
Benzene	ND	µg/L	20
cis-1,3-Dichloropropene	ND	µg/L	20
2-Chloroethyl vinyl ether	ND	µg/L	100
Bromoform	ND	µg/L	20
4-Methyl-2-pentanone	ND	µg/L	100
2-Hexanone	ND	µg/L	100
1,1,2,2-Tetrachloroethane	ND	µg/L	20
Tetrachloroethene	1300	µg/L	20
Toluene	ND	µg/L	20
Chlorobenzene	ND	µg/L	20
Ethyl benzene	ND	µg/L	20
Styrene	ND	µg/L	20
Total xylenes	ND	µg/L	20

ND = Not detected.

Reported by

SJ

Approved by

AmYJ

HAZARDOUS SUBSTANCE LIST (HSL) VOLATILE ORGANICS

EPA Method 624/HSL L1st

Client Name: ERTClient ID: 46769 VC-9-6Laboratory ID: 5160-04Matrix: WaterSampled: 08/26/87Received: 08/27/87Authorized: 08/27/87Prepared: 09/03/87Analyzed: 09/03/87

<u>Parameter</u>	<u>Result</u>	<u>Units</u>	<u>Reporting Limit</u>
Chloromethane	ND	µg/L	5
Bromomethane	ND	µg/L	5
Vinyl chloride	ND	µg/L	5
Chloroethane	ND	µg/L	5
Methylene chloride	ND	µg/L	5
Acetone	ND	µg/L	50
Carbon disulfide	ND	µg/L	2
1,1-Dichloroethene	ND	µg/L	2
1,1-Dichloroethane	ND	µg/L	2
trans-1,2-Dichloroethene	ND	µg/L	2
Chloroform	ND	µg/L	2
1,2-Dichloroethane	ND	µg/L	2
2-Butanone	ND	µg/L	10
1,1,1-Trichloroethane	ND	µg/L	2
Carbon tetrachloride	ND	µg/L	2
Vinyl acetate	ND	µg/L	10
Bromodichloromethane	ND	µg/L	2
1,2-Dichloropropane	ND	µg/L	2
trans-1,3-Dichloropropene	ND	µg/L	2
Trichloroethene	ND	µg/L	2
Dibromochloromethane	ND	µg/L	2
1,1,2-Trichloroethane	ND	µg/L	2
Benzene	ND	µg/L	2
cis-1,3-Dichloropropene	ND	µg/L	2
2-Chloroethyl vinyl ether	ND	µg/L	10
Bromoform	ND	µg/L	2
4-Methyl-2-pentanone	ND	µg/L	10
2-Hexanone	ND	µg/L	10
1,1,2,2-Tetrachloroethane	ND	µg/L	2
Tetrachloroethene	ND	µg/L	2
Toluene	ND	µg/L	2
Chlorobenzene	ND	µg/L	2
Ethyl benzene	ND	µg/L	2
Styrene	ND	µg/L	2
Total xylenes	ND	µg/L	2

ND = Not detected.

Reported by SA Approved by Am Sup

HAZARDOUS SUBSTANCE LIST (HSL) VOLATILE ORGANICS

EPA Method 624/HSL List

Client Name: ERTClient ID: 46770 VC-9-60 UC-9 DuplicateLaboratory ID: 5160-05Matrix: WaterSampled: 08/26/87Received: 08/27/87Authorized: 08/27/87Prepared: 09/03/87Analyzed: 09/03/87

<u>Parameter</u>	<u>Result</u>	<u>Units</u>	<u>Reporting Limit</u>
Chloromethane	ND	µg/L	5
Bromomethane	ND	µg/L	5
Vinyl chloride	ND	µg/L	5
Chloroethane	ND	µg/L	5
Methylene chloride	ND	µg/L	5
Acetone	ND	µg/L	50
Carbon disulfide	ND	µg/L	2
1,1-Dichloroethene	ND	µg/L	2
1,1-Dichloroethane	ND	µg/L	2
trans-1,2-Dichloroethene	ND	µg/L	2
Chloroform	ND	µg/L	2
1,2-Dichloroethane	ND	µg/L	2
2-Butanone	ND	µg/L	10
1,1,1-Trichloroethane	ND	µg/L	2
Carbon tetrachloride	ND	µg/L	2
Vinyl acetate	ND	µg/L	10
Bromodichloromethane	ND	µg/L	2
1,2-Dichloropropane	ND	µg/L	2
trans-1,3-Dichloropropene	ND	µg/L	2
Trichloroethene	ND	µg/L	2
Dibromochloromethane	ND	µg/L	2
1,1,2-Trichloroethane	ND	µg/L	2
Benzene	ND	µg/L	2
cis-1,3-Dichloropropene	ND	µg/L	2
2-Chloroethyl vinyl ether	ND	µg/L	10
Bromoform	ND	µg/L	2
4-Methyl-2-pentanone	ND	µg/L	10
2-Hexanone	ND	µg/L	10
1,1,2,2-Tetrachloroethane	ND	µg/L	2
Tetrachloroethene	ND	µg/L	2
Toluene	ND	µg/L	2
Chlorobenzene	ND	µg/L	2
Ethyl benzene	ND	µg/L	2
Styrene	ND	µg/L	2
Total xylenes	ND	µg/L	2

ND = Not detected.

Reported by SaeApproved by Ar✓

HAZARDOUS SUBSTANCE LIST (HSL) VOLATILE ORGANICS

EPA Method 624/HSL List

Client Name: ERTClient ID: 46771 FB-1Laboratory ID: 5160-06Matrix: WaterSampled: 08/26/87Received: 08/27/87Authorized: 08/27/87Prepared: 09/03/87Analyzed: 09/03/87

<u>Parameter</u>	<u>Result</u>	<u>Units</u>	<u>Reporting Limit</u>
Chloromethane	ND	µg/L	5
Bromomethane	ND	µg/L	5
Vinyl chloride	ND	µg/L	5
Chloroethane	ND	µg/L	5
Methylene chloride	ND	µg/L	5
Acetone	ND	µg/L	50
Carbon disulfide	ND	µg/L	2
1,1-Dichloroethene	ND	µg/L	2
1,1-Dichloroethane	ND	µg/L	2
trans-1,2-Dichloroethene	ND	µg/L	2
Chloroform	ND	µg/L	2
1,2-Dichloroethane	ND	µg/L	2
2-Butanone	ND	µg/L	10
1,1,1-Trichloroethane	ND	µg/L	2
Carbon tetrachloride	ND	µg/L	2
Vinyl acetate	ND	µg/L	10
Bromodichloromethane	ND	µg/L	2
1,2-Dichloropropane	ND	µg/L	2
trans-1,3-Dichloropropene	ND	µg/L	2
Trichloroethene	ND	µg/L	2
Dibromochloromethane	ND	µg/L	2
1,1,2-Trichloroethane	ND	µg/L	2
Benzene	ND	µg/L	2
cis-1,3-Dichloropropene	ND	µg/L	2
2-Chloroethyl vinyl ether	ND	µg/L	10
Bromoform	ND	µg/L	2
4-Methyl-2-pentanone	ND	µg/L	10
2-Hexanone	ND	µg/L	10
1,1,2,2-Tetrachloroethane	ND	µg/L	2
Tetrachloroethene	ND	µg/L	2
Toluene	ND	µg/L	2
Chlorobenzene	ND	µg/L	2
Ethyl benzene	ND	µg/L	2
Styrene	ND	µg/L	2
Total xylenes	ND	µg/L	2

ND = Not detected.

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HAZARDOUS SUBSTANCE LIST (HSL) VOLATILE ORGANICS

EPA Method 624/HSL List

Client Name: ERTClient ID: 46772 SBLaboratory ID: 5160-07Matrix: WaterSampled: 08/26/87Received: 08/27/87Authorized: 08/27/87Prepared: 09/03/87Analyzed: 09/03/87

<u>Parameter</u>	<u>Result</u>	<u>Units</u>	<u>Reporting Limit</u>
Chloromethane	ND	µg/L	5
Bromomethane	ND	µg/L	5
Vinyl chloride	ND	µg/L	5
Chloroethane	ND	µg/L	5
Methylene chloride	ND	µg/L	5
Acetone	ND	µg/L	50
Carbon disulfide	ND	µg/L	2
1,1-Dichloroethene	ND	µg/L	2
1,1-Dichloroethane	ND	µg/L	2
trans-1,2-Dichloroethene	ND	µg/L	2
Chloroform	ND	µg/L	2
1,2-Dichloroethane	ND	µg/L	2
2-Butanone	ND	µg/L	10
1,1,1-Trichloroethane	ND	µg/L	2
Carbon tetrachloride	ND	µg/L	2
Vinyl acetate	ND	µg/L	10
Bromodichloromethane	ND	µg/L	2
1,2-Dichloropropane	ND	µg/L	2
trans-1,3-Dichloropropene	ND	µg/L	2
Trichloroethene	ND	µg/L	2
Dibromochloromethane	ND	µg/L	2
1,1,2-Trichloroethane	ND	µg/L	2
Benzene	ND	µg/L	2
cis-1,3-Dichloropropene	ND	µg/L	2
2-Chloroethyl vinyl ether	ND	µg/L	10
Bromoform	ND	µg/L	2
4-Methyl-2-pentanone	ND	µg/L	10
2-Hexanone	ND	µg/L	10
1,1,2,2-Tetrachloroethane	ND	µg/L	2
Tetrachloroethene	ND	µg/L	2
Toluene	ND	µg/L	2
Chlorobenzene	ND	µg/L	2
Ethyl benzene	ND	µg/L	2
Styrene	ND	µg/L	2
Total xylenes	ND	µg/L	2

ND = Not detected.

Reported by JE Approved by Ar VJP

HAZARDOUS SUBSTANCE LIST (HSL) VOLATILE ORGANICS

EPA Method 624/HSL List

Client Name: ERTClient ID: 46773 VC-10-2Laboratory ID: 5160-08Matrix: WaterSampled: 08/26/87Received: 08/27/87Authorized: 08/27/87Prepared: 09/04/87Analyzed: 09/04/87

<u>Parameter</u>	<u>Result</u>	<u>Units</u>	<u>Reporting Limit</u>
Chloromethane	ND	µg/L	130
Bromomethane	ND	µg/L	130
Vinyl chloride	ND	µg/L	130
Chloroethane	ND	µg/L	130
Methylene chloride	ND	µg/L	500
Acetone	ND	µg/L	1,300
Carbon disulfide	ND	µg/L	50
1,1-Dichloroethene	ND	µg/L	50
1,1-Dichloroethane	ND	µg/L	50
trans-1,2-Dichloroethene	93	µg/L	50
Chloroform	ND	µg/L	50
1,2-Dichloroethane	ND	µg/L	50
2-Butanone	ND	µg/L	250
1,1,1-Trichloroethane	ND	µg/L	50
Carbon tetrachloride	ND	µg/L	50
Vinyl acetate	ND	µg/L	250
Bromodichloromethane	ND	µg/L	50
1,2-Dichloropropane	ND	µg/L	50
trans-1,3-Dichloropropene	ND	µg/L	50
Trichloroethene	160	µg/L	50
Dibromochloromethane	ND	µg/L	50
1,1,2-Trichloroethane	ND	µg/L	50
Benzene	ND	µg/L	50
cis-1,3-Dichloropropene	ND	µg/L	50
2-Chloroethyl vinyl ether	ND	µg/L	250
Bromoform	ND	µg/L	50
4-Methyl-2-pentanone	ND	µg/L	250
2-Hexanone	ND	µg/L	250
1,1,2,2-Tetrachloroethane	ND	µg/L	50
Tetrachloroethene	4,200	µg/L	50
Toluene	130	µg/L	50
Chlorobenzene	ND	µg/L	50
Ethyl benzene	ND	µg/L	50
Styrene	ND	µg/L	50
Total xylenes	ND	µg/L	50

ND = Not detected.

Reported by

SA

Approved by

SA ✓

HAZARDOUS SUBSTANCE LIST (HSL) VOLATILE ORGANICS

EPA Method 624/HSL List

Client Name: ERTClient ID: 46775 VC-10-4Laboratory ID: 5160-10Matrix: WaterSampled: 08/26/87Received: 08/27/87Authorized: 08/27/87Prepared: 09/04/87Analyzed: 09/04/87

<u>Parameter</u>	<u>Result</u>	<u>Units</u>	<u>Reporting Limit</u>
Chloromethane	ND	µg/L	250
Bromomethane	ND	µg/L	250
Vinyl chloride	ND	µg/L	250
Chloroethane	ND	µg/L	250
Methylene chloride	ND	µg/L	500
Acetone	ND	µg/L	2,500
Carbon disulfide	ND	µg/L	100
1,1-Dichloroethene	ND	µg/L	100
1,1-Dichloroethane	ND	µg/L	100
trans-1,2-Dichloroethene	ND	µg/L	100
Chloroform	ND	µg/L	100
1,2-Dichloroethane	ND	µg/L	100
2-Butanone	ND	µg/L	500
1,1,1-Trichloroethane	ND	µg/L	100
Carbon tetrachloride	ND	µg/L	100
Vinyl acetate	ND	µg/L	500
Bromodichloromethane	ND	µg/L	100
1,2-Dichloropropane	ND	µg/L	100
trans-1,3-Dichloropropene	ND	µg/L	100
Trichloroethene -----	130	µg/L	100
Dibromochloromethane	ND	µg/L	100
1,1,2-Trichloroethane	ND	µg/L	100
Benzene	ND	µg/L	100
cis-1,3-Dichloropropene	ND	µg/L	100
2-Chloroethyl vinyl ether	ND	µg/L	500
Bromoform	ND	µg/L	100
4-Methyl-2-pentanone	ND	µg/L	500
2-Hexanone	ND	µg/L	500
1,1,2,2-Tetrachloroethane	ND	µg/L	100
Tetrachloroethene -----	5,500	µg/L	100
Toluene -----	130	µg/L	100
Chlorobenzene	ND	µg/L	100
Ethyl benzene	ND	µg/L	100
Styrene	ND	µg/L	100
Total xylenes	ND	µg/L	100

ND = Not detected.

Reported by

SA

Approved by

Am JP

HAZARDOUS SUBSTANCE LIST (HSL) VOLATILE ORGANICS

EPA Method 624/HSL List

Client Name: ERTClient ID: 46774 VC-10-3Laboratory ID: 5160-09Matrix: WaterSampled: 08/26/87Received: 08/27/87Authorized: 08/27/87Prepared: 09/06/87Analyzed: 09/06/87

<u>Parameter</u>	<u>Result</u>	<u>Units</u>	<u>Reporting Limit</u>
Chloromethane	ND	µg/L	250
Bromomethane	ND	µg/L	250
Vinyl chloride	ND	µg/L	250
Chloroethane	ND	µg/L	250
Methylene chloride	ND	µg/L	250
Acetone	ND	µg/L	2,500
Carbon disulfide	ND	µg/L	100
1,1-Dichloroethene	ND	µg/L	100
1,1-Dichloroethane	ND	µg/L	100
trans-1,2-Dichloroethene	ND	µg/L	100
Chloroform	ND	µg/L	100
1,2-Dichloroethane	ND	µg/L	100
2-Butanone	ND	µg/L	500
1,1,1-Trichloroethane	ND	µg/L	100
Carbon tetrachloride	ND	µg/L	100
Vinyl acetate	ND	µg/L	500
Bromodichloromethane	ND	µg/L	100
1,2-Dichloropropane	ND	µg/L	100
trans-1,3-Dichloropropene	ND	µg/L	100
Trichloroethene	ND	µg/L	100
Dibromochloromethane	ND	µg/L	100
1,1,2-Trichloroethane	ND	µg/L	100
Benzene	ND	µg/L	100
cis-1,3-Dichloropropene	ND	µg/L	100
2-Chloroethyl vinyl ether	ND	µg/L	500
Bromoform	ND	µg/L	100
4-Methyl-2-pentanone	ND	µg/L	500
2-Hexanone	ND	µg/L	500
1,1,2,2-Tetrachloroethane	ND	µg/L	100
Tetrachloroethene -----	1,600	µg/L	100
Toluene -----	120	µg/L	100
Chlorobenzene	ND	µg/L	100
Ethyl benzene	ND	µg/L	100
Styrene	ND	µg/L	100
Total xylenes	ND	µg/L	100

ND = Not detected.

Reported by

SA

Approved by

Am Up

HAZARDOUS SUBSTANCE LIST (HSL) VOLATILE ORGANICS

EPA Method 624/HSL List

Client Name: ERTClient ID: 46776 VC-10-5Laboratory ID: 5160-11Matrix: WaterSampled: 08/26/87Received: 08/27/87Authorized: 08/27/87Prepared: 09/10/87Analyzed: 09/10/87

<u>Parameter</u>	<u>Result</u>	<u>Units</u>	<u>Reporting Limit</u>
Chloromethane	ND	µg/L	25
Bromomethane	ND	µg/L	25
Vinyl chloride	ND	µg/L	25
Chloroethane	ND	µg/L	25
Methylene chloride	ND	µg/L	50
Acetone	ND	µg/L	250
Carbon disulfide	ND	µg/L	10
1,1-Dichloroethene	ND	µg/L	10
1,1-Dichloroethane	ND	µg/L	10
trans-1,2-Dichloroethene	ND	µg/L	10
Chloroform	ND	µg/L	10
1,2-Dichloroethane	ND	µg/L	10
2-Butanone	ND	µg/L	50
1,1,1-Trichloroethane	ND	µg/L	10
Carbon tetrachloride	ND	µg/L	10
Vinyl acetate	ND	µg/L	50
Bromodichloromethane	ND	µg/L	10
1,2-Dichloropropane	ND	µg/L	10
trans-1,3-Dichloropropene	ND	µg/L	10
Trichloroethene	ND	µg/L	10
Dibromochloromethane	ND	µg/L	10
1,1,2-Trichloroethane	ND	µg/L	10
Benzene	ND	µg/L	10
cis-1,3-Dichloropropene	ND	µg/L	10
2-Chloroethyl vinyl ether	ND	µg/L	50
Bromoform	ND	µg/L	10
4-Methyl-2-pentanone	ND	µg/L	50
2-Hexanone	ND	µg/L	50
1,1,2,2-Tetrachloroethane	ND	µg/L	10
Tetrachloroethene -----	290	µg/L	10
Toluene -----	49	µg/L	10
Chlorobenzene	ND	µg/L	10
Ethyl benzene	ND	µg/L	10
Styrene	ND	µg/L	10
Total xylenes	ND	µg/L	10

ND = Not detected.

Reported by SitApproved by shu lip

HAZARDOUS SUBSTANCE LIST (HSL) VOLATILE ORGANICS

EPA Method 624/HSL List

Client Name: ERTClient ID: 46777 VC-10-6Laboratory ID: 5160-12Matrix: WaterSampled: 08/26/87Received: 08/27/87Authorized: 08/27/87Prepared: 09/04/87Analyzed: 09/04/87

<u>Parameter</u>	<u>Result</u>	<u>Units</u>	<u>Reporting Limit</u>
Chloromethane	ND	µg/L	5
Bromomethane	ND	µg/L	5
Vinyl chloride	ND	µg/L	5
Chloroethane	ND	µg/L	5
Methylene chloride	ND	µg/L	20
Acetone	ND	µg/L	50
Carbon disulfide	ND	µg/L	2
1,1-Dichloroethene	ND	µg/L	2
1,1-Dichloroethane	ND	µg/L	2
trans-1,2-Dichloroethene	ND	µg/L	2
Chloroform	ND	µg/L	2
1,2-Dichloroethane	ND	µg/L	2
2-Butanone	ND	µg/L	2
1,1,1-Trichloroethane	ND	µg/L	10
Carbon tetrachloride	ND	µg/L	2
Vinyl acetate	ND	µg/L	2
Bromodichloromethane	ND	µg/L	10
1,2-Dichloropropane	ND	µg/L	2
trans-1,3-Dichloropropene	ND	µg/L	2
Trichloroethene -----	3.8	µg/L	2
Dibromochloromethane	ND	µg/L	2
1,1,2-Trichloroethane	ND	µg/L	2
Benzene	ND	µg/L	2
cis-1,3-Dichloropropene	ND	µg/L	2
2-Chloroethyl vinyl ether	ND	µg/L	10
Bromoform	ND	µg/L	2
4-Methyl-2-pentanone	ND	µg/L	10
2-Hexanone	ND	µg/L	10
1,1,2,2-Tetrachloroethane	ND	µg/L	2
Tetrachloroethene -----	74	µg/L	2
Toluene -----	13	µg/L	2
Chlorobenzene	ND	µg/L	2
Ethyl benzene	ND	µg/L	2
Styrene	ND	µg/L	2
Total xylenes	ND	µg/L	2

ND = Not detected.

Reported by *JK* Approved by *JK*

HAZARDOUS SUBSTANCE LIST (HSL) VOLATILE ORGANICS

EPA Method 624/HSL List

Client Name: ERTClient ID: 46778 VC-7-1Laboratory ID: 5160-13Matrix: WaterSampled: 08/26/87Received: 08/27/87Authorized: 08/27/87Prepared: 09/04/87Analyzed: 09/04/87

<u>Parameter</u>	<u>Result</u>	<u>Units</u>	<u>Reporting Limit</u>
Chloromethane	ND	µg/L	100
Bromomethane	ND	µg/L	100
Vinyl chloride	ND	µg/L	100
Chloroethane	ND	µg/L	100
Methylene chloride	ND	µg/L	100
Acetone	ND	µg/L	1,000
Carbon disulfide	ND	µg/L	40
1,1-Dichloroethene	ND	µg/L	40
1,1-Dichloroethane	ND	µg/L	40
trans-1,2-Dichloroethene -----	170	µg/L	40
Chloroform	ND	µg/L	40
1,2-Dichloroethane	ND	µg/L	40
2-Butanone	ND	µg/L	200
1,1,1-Trichloroethane -----	560	µg/L	40
Carbon tetrachloride	ND	µg/L	40
Vinyl acetate	ND	µg/L	200
Bromodichloromethane	ND	µg/L	40
1,2-Dichloropropane	ND	µg/L	40
trans-1,3-Dichloropropene	ND	µg/L	40
Trichloroethene -----	89	µg/L	40
Dibromochloromethane	ND	µg/L	40
1,1,2-Trichloroethane	ND	µg/L	40
Benzene	ND	µg/L	40
cis-1,3-Dichloropropene	ND	µg/L	40
2-Chloroethyl vinyl ether	ND	µg/L	200
Bromoform	ND	µg/L	40
4-Methyl-2-pentanone	ND	µg/L	200
2-Hexanone	ND	µg/L	200
1,1,2,2-Tetrachloroethane	ND	µg/L	40
Tetrachloroethene -----	6,900	µg/L	40
Toluene	ND	µg/L	40
Chlorobenzene	ND	µg/L	40
Ethyl benzene	ND	µg/L	40
Styrene	ND	µg/L	40
Total xylenes	ND	µg/L	40

ND = Not detected.

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HAZARDOUS SUBSTANCE LIST (HSL) VOLATILE ORGANICS

EPA Method 624/HSL List

Client Name: ERTClient ID: 46779 VC-7-2Laboratory ID: 5160-14Matrix: WaterSampled: 08/26/87Received: 08/27/87Authorized: 08/27/87Prepared: 09/04/87Analyzed: 09/04/87

Parameter	Result	Units	Reporting Limit
Chloromethane	ND	µg/L	130
Bromomethane	ND	µg/L	130
Vinyl chloride	ND	µg/L	130
Chloroethane	ND	µg/L	130
Methylene chloride	ND	µg/L	130
Acetone	ND	µg/L	1,300
Carbon disulfide	ND	µg/L	50
1,1-Dichloroethene -----	90	µg/L	50
1,1-Dichloroethane -----	380	µg/L	50
trans-1,2-Dichloroethene -----	700	µg/L	50
Chloroform	ND	µg/L	50
1,2-Dichloroethane	ND	µg/L	50
2-Butanone	ND	µg/L	250
1,1,1-Trichloroethane -----	1700	µg/L	50
Carbon tetrachloride	ND	µg/L	50
Vinyl acetate	ND	µg/L	250
Bromodichloromethane	ND	µg/L	50
1,2-Dichloropropane	ND	µg/L	50
trans-1,3-Dichloropropene	ND	µg/L	50
Trichloroethene -----	180	µg/L	50
Dibromochloromethane	ND	µg/L	50
1,1,2-Trichloroethane	ND	µg/L	50
Benzene	ND	µg/L	50
cis-1,3-Dichloropropene	ND	µg/L	50
2-Chloroethyl vinyl ether	ND	µg/L	250
Bromoform	ND	µg/L	50
4-Methyl-2-pentanone	ND	µg/L	250
2-Hexanone	ND	µg/L	250
1,1,2,2-Tetrachloroethane	ND	µg/L	50
Tetrachloroethene -----	17,000	µg/L	50
Toluene	ND	µg/L	50
Chlorobenzene	ND	µg/L	50
Ethyl benzene	ND	µg/L	50
Styrene	ND	µg/L	50
Total xylenes	ND	µg/L	50

ND = Not detected.

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HAZARDOUS SUBSTANCE LIST (HSL) VOLATILE ORGANICS

EPA Method 624/HSL List

Client Name: ERTClient ID: 46780 VC-7-2DLaboratory ID: 5160-15Matrix: WaterSampled: 08/26/87Received: 08/27/87Authorized: 08/27/87Prepared: 09/04/87Analyzed: 09/04/87

<u>Parameter</u>	<u>Result</u>	<u>Units</u>	<u>Reporting Limit</u>
Chloromethane	ND	µg/L	250
Bromomethane	ND	µg/L	250
Vinyl chloride	ND	µg/L	250
Chloroethane	ND	µg/L	250
Methylene chloride	ND	µg/L	250
Acetone	ND	µg/L	2,500
Carbon disulfide	ND	µg/L	100
1,1-Dichloroethene	ND	µg/L	100
1,1-Dichloroethane -----	370	µg/L	100
trans-1,2-Dichloroethene -----	600	µg/L	100
Chloroform	ND	µg/L	100
1,2-Dichloroethane	ND	µg/L	100
2-Butanone	ND	µg/L	500
1,1,1-Trichloroethane -----	1,400	µg/L	100
Carbon tetrachloride	ND	µg/L	100
Vinyl acetate	ND	µg/L	500
Bromodichloromethane	ND	µg/L	100
1,2-Dichloropropane	ND	µg/L	100
trans-1,3-Dichloropropene	ND	µg/L	100
Trichloroethene -----	140	µg/L	100
Dibromochloromethane	ND	µg/L	100
1,1,2-Trichloroethane	ND	µg/L	100
Benzene	ND	µg/L	100
cis-1,3-Dichloropropene	ND	µg/L	100
2-Chloroethyl vinyl ether	ND	µg/L	500
Bromoform	ND	µg/L	100
4-Methyl-2-pentanone	ND	µg/L	500
2-Hexanone	ND	µg/L	500
1,1,2,2-Tetrachloroethane	ND	µg/L	100
Tetrachloroethene -----	13,000	µg/L	100
Toluene	ND	µg/L	100
Chlorobenzene	ND	µg/L	100
Ethyl benzene	ND	µg/L	100
Styrene	ND	µg/L	100
Total xylenes	ND	µg/L	100

ND = Not detected.

Reported by SAApproved by Am lip

HAZARDOUS SUBSTANCE LIST (HSL) VOLATILE ORGANICS

EPA Method 624/HSL List

Client Name: ERTClient ID: 46781 VC-7-3Laboratory ID: 5160-16Matrix: WaterSampled: 08/26/87Received: 08/27/87Authorized: 08/27/87Prepared: 09/04/87Analyzed: 09/04/87

<u>Parameter</u>	<u>Result</u>	<u>Units</u>	<u>Reporting Limit</u>
Chloromethane	ND	µg/L	25
Bromomethane	ND	µg/L	25
Vinyl chloride	ND	µg/L	25
Chloroethane	ND	µg/L	25
Methylene chloride	ND	µg/L	100
Acetone	ND	µg/L	250
Carbon disulfide	ND	µg/L	10
1,1-Dichloroethene -----	71	µg/L	10
1,1-Dichloroethane -----	390	µg/L	10
trans-1,2-Dichloroethene -----	85	µg/L	10
Chloroform	ND	µg/L	10
1,2-Dichloroethane	ND	µg/L	10
2-Butanone	ND	µg/L	50
1,1,1-Trichloroethane -----	150	µg/L	10
Carbon tetrachloride	ND	µg/L	10
Vinyl acetate	ND	µg/L	50
Bromodichloromethane	ND	µg/L	10
1,2-Dichloropropane	ND	µg/L	10
trans-1,3-Dichloropropene	ND	µg/L	10
Trichloroethene -----	200	µg/L	10
Dibromochloromethane	ND	µg/L	10
1,1,2-Trichloroethane	ND	µg/L	10
Benzene	ND	µg/L	10
cis-1,3-Dichloropropene	ND	µg/L	10
2-Chloroethyl vinyl ether	ND	µg/L	50
Bromoform	ND	µg/L	10
4-Methyl-2-pentanone	ND	µg/L	50
2-Hexanone	ND	µg/L	50
1,1,2,2-Tetrachloroethane	ND	µg/L	10
Tetrachloroethene -----	6,700	µg/L	10
Toluene -----	30	µg/L	10
Chlorobenzene	ND	µg/L	10
Ethyl benzene	ND	µg/L	10
Styrene	ND	µg/L	10
Total xylenes	ND	µg/L	10

ND = Not detected.

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HAZARDOUS SUBSTANCE LIST (HSL) VOLATILE ORGANICS

EPA Method 624/HSL List

Client Name: ERTClient ID: 46782 VC-7-4Laboratory ID: 5160-17Matrix: WaterSampled: 08/26/87Received: 08/27/87Authorized: 08/27/87Prepared: 09/03/87Analyzed: 09/03/87

Parameter	Result	Units	Reporting Limit
Chloromethane	ND	µg/L	5
Bromomethane	ND	µg/L	5
Vinyl chloride	ND	µg/L	5
Chloroethane	ND	µg/L	5
Methylene chloride	ND	µg/L	50
Acetone	ND	µg/L	50
Carbon disulfide	ND	µg/L	2
1,1-Dichloroethene -----	40	µg/L	2
1,1-Dichloroethane -----	140	µg/L	2
trans-1,2-Dichloroethene -----	82	µg/L	2
Chloroform	ND	µg/L	2
1,2-Dichloroethane	ND	µg/L	2
2-Butanone	ND	µg/L	10
1,1,1-Trichloroethane -----	280	µg/L	2
Carbon tetrachloride	ND	µg/L	2
Vinyl acetate	ND	µg/L	10
Bromodichloromethane	ND	µg/L	2
1,2-Dichloropropane	ND	µg/L	2
trans-1,3-Dichloropropene	ND	µg/L	2
Trichloroethene -----	99	µg/L	2
Dibromochloromethane	ND	µg/L	2
1,1,2-Trichloroethane	ND	µg/L	2
Benzene	ND	µg/L	2
cis-1,3-Dichloropropene	ND	µg/L	2
2-Chloroethyl vinyl ether	ND	µg/L	10
Bromoform	ND	µg/L	2
4-Methyl-2-pentanone	ND	µg/L	10
2-Hexanone	ND	µg/L	10
1,1,2,2-Tetrachloroethane	ND	µg/L	2
Tetrachloroethene -----	3,800	µg/L	2
Toluene -----	8.7	µg/L	2
Chlorobenzene	ND	µg/L	2
Ethyl benzene	ND	µg/L	2
Styrene	ND	µg/L	2
Total xylenes	ND	µg/L	2

ND = Not detected.

Reported by JAApproved by Am ly

HAZARDOUS SUBSTANCE LIST (HSL) VOLATILE ORGANICS

EPA Method 624/HSL List

Client Name: ERTClient ID: 46783 VC-7-5Laboratory ID: 5160-18Matrix: WaterSampled: 08/26/87Received: 08/27/87Authorized: 08/27/87Prepared: 09/08/87Analyzed: 09/08/87

Parameter	Result	Units	Reporting Limit
Chloromethane	ND	µg/L	5
Bromomethane	ND	µg/L	5
Vinyl chloride	ND	µg/L	5
Chloroethane	ND	µg/L	5
Methylene chloride	ND	µg/L	20
Acetone	ND	µg/L	50
Carbon disulfide	ND	µg/L	2
1,1-Dichloroethene	ND	µg/L	2
1,1-Dichloroethane -----	2.2	µg/L	2
trans-1,2-Dichloroethene -----	2.3	µg/L	2
Chloroform	ND	µg/L	2
1,2-Dichloroethane	ND	µg/L	2
2-Butanone	ND	µg/L	10
1,1,1-Trichloroethane -----	3.0	µg/L	2
Carbon tetrachloride	ND	µg/L	2
Vinyl acetate	ND	µg/L	10
Bromodichloromethane	ND	µg/L	2
1,2-Dichloropropane	ND	µg/L	2
trans-1,3-Dichloropropene	ND	µg/L	2
Trichloroethene -----	4.1	µg/L	2
Dibromochloromethane	ND	µg/L	2
1,1,2-Trichloroethane	ND	µg/L	2
Benzene	ND	µg/L	2
cis-1,3-Dichloropropene	ND	µg/L	2
2-Chloroethyl vinyl ether	ND	µg/L	10
Bromoform	ND	µg/L	2
4-Methyl-2-pentanone	ND	µg/L	10
2-Hexanone	ND	µg/L	10
1,1,2,2-Tetrachloroethane	ND	µg/L	2
Tetrachloroethene -----	95	µg/L	2
Toluene -----	110	µg/L	2
Chlorobenzene	ND	µg/L	2
Ethyl benzene	ND	µg/L	2
Styrene	ND	µg/L	2
Total xylenes	ND	µg/L	2

ND = Not detected.

Reported by SA Approved by Am W

HAZARDOUS SUBSTANCE LIST (HSL) VOLATILE ORGANICS

EPA Method 624/HSL List

Client Name: ERTClient ID: 46784 FBLaboratory ID: 5160-19Matrix: WaterSampled: 08/26/87Received: 08/27/87Authorized: 08/27/87Prepared: 09/03/87Analyzed: 09/03/87

<u>Parameter</u>	<u>Result</u>	<u>Units</u>	<u>Reporting Limit</u>
Chloromethane	ND	µg/L	5
Bromomethane	ND	µg/L	5
Vinyl chloride	ND	µg/L	5
Chloroethane	ND	µg/L	5
Methylene chloride	ND	µg/L	10
Acetone	ND	µg/L	50
Carbon disulfide	ND	µg/L	2
1,1-Dichloroethene	ND	µg/L	2
1,1-Dichloroethane	ND	µg/L	2
trans-1,2-Dichloroethene	ND	µg/L	2
Chloroform	ND	µg/L	2
1,2-Dichloroethane	ND	µg/L	2
2-Butanone	ND	µg/L	10
1,1,1-Trichloroethane	ND	µg/L	2
Carbon tetrachloride	ND	µg/L	2
Vinyl acetate	ND	µg/L	10
Bromodichloromethane	ND	µg/L	2
1,2-Dichloropropane	ND	µg/L	2
trans-1,3-Dichloropropene	ND	µg/L	2
Trichloroethene	ND	µg/L	2
Dibromochloromethane	ND	µg/L	2
1,1,2-Trichloroethane	ND	µg/L	2
Benzene	ND	µg/L	2
cis-1,3-Dichloropropene	ND	µg/L	2
2-Chloroethyl vinyl ether	ND	µg/L	10
Bromoform	ND	µg/L	2
4-Methyl-2-pentanone	ND	µg/L	10
2-Hexanone	ND	µg/L	10
1,1,2,2-Tetrachloroethane	ND	µg/L	2
Tetrachloroethene	ND	µg/L	2
Toluene	ND	µg/L	2
Chlorobenzene	ND	µg/L	2
Ethyl benzene	ND	µg/L	2
Styrene	ND	µg/L	2
Total xylenes	ND	µg/L	2

ND = Not detected.

Reported by SAApproved by SA JP

HAZARDOUS SUBSTANCE LIST (HSL) VOLATILE ORGANICS

EPA Method 624/HSL List

Client Name: ERTClient ID: 46821 VC-9-1Laboratory ID: 5160-23Matrix: WaterSampled: 08/27/87Received: 08/27/87Authorized: 08/27/87Prepared: 09/03/87Analyzed: 09/03/87

<u>Parameter</u>	<u>Result</u>	<u>Units</u>	<u>Reporting Limit</u>
Chloromethane	ND	µg/L	5
Bromomethane	ND	µg/L	5
Vinyl chloride	ND	µg/L	5
Chloroethane	ND	µg/L	5
Methylene chloride	ND	µg/L	10
Acetone	ND	µg/L	50
Carbon disulfide	ND	µg/L	2
1,1-Dichloroethene	ND	µg/L	2
1,1-Dichloroethane	ND	µg/L	2
trans-1,2-Dichloroethene -----	3.6	µg/L	2
Chloroform	ND	µg/L	2
1,2-Dichloroethane	ND	µg/L	2
2-Butanone	ND	µg/L	10
1,1,1-Trichloroethane -----	5.0	µg/L	2
Carbon tetrachloride	ND	µg/L	2
Vinyl acetate	ND	µg/L	10
Bromodichloromethane	ND	µg/L	2
1,2-Dichloropropane	ND	µg/L	2
trans-1,3-Dichloropropene	ND	µg/L	2
Trichloroethene -----	4.0	µg/L	2
Dibromochloromethane	ND	µg/L	2
1,1,2-Trichloroethane	ND	µg/L	2
Benzene	ND	µg/L	2
cis-1,3-Dichloropropene	ND	µg/L	2
2-Chloroethyl vinyl ether	ND	µg/L	10
Bromoform	ND	µg/L	2
4-Methyl-2-pentanone	ND	µg/L	10
2-Hexanone	ND	µg/L	10
1,1,2,2-Tetrachloroethane	ND	µg/L	2
Tetrachloroethene -----	110	µg/L	2
Toluene	ND	µg/L	2
Chlorobenzene	ND	µg/L	2
Ethyl benzene	ND	µg/L	2
Styrene	ND	µg/L	2
Total xylenes	ND	µg/L	2

ND = Not detected.

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HAZARDOUS SUBSTANCE LIST (HSL) VOLATILE ORGANICS

EPA Method 624/HSL List

Client Name: ERTClient ID: 46822 VC-10-1Laboratory ID: 5160-20Matrix: WaterSampled: 08/27/87Received: 08/27/87Authorized: 08/27/87Prepared: 09/03/87Analyzed: 09/03/87

<u>Parameter</u>	<u>Result</u>	<u>Units</u>	<u>Reporting Limit</u>
Chloromethane	ND	µg/L	5
Bromomethane	ND	µg/L	5
Vinyl chloride	ND	µg/L	5
Chloroethane	ND	µg/L	5
Methylene chloride	ND	µg/L	50
Acetone	ND	µg/L	50
Carbon disulfide	ND	µg/L	2
1,1-Dichloroethene -----	3.3	µg/L	2
1,1-Dichloroethane -----	8.5	µg/L	2
trans-1,2-Dichloroethene -----	73	µg/L	2
Chloroform	ND	µg/L	2
1,2-Dichloroethane	ND	µg/L	2
2-Butanone	ND	µg/L	10
1,1,1-Trichloroethane -----	15	µg/L	2
Carbon tetrachloride	ND	µg/L	2
Vinyl acetate	ND	µg/L	10
Bromodichloromethane	ND	µg/L	2
1,2-Dichloropropane	ND	µg/L	2
trans-1,3-Dichloropropene	ND	µg/L	2
Trichloroethene -----	87	µg/L	2
Dibromochloromethane	ND	µg/L	2
1,1,2-Trichloroethane	ND	µg/L	2
Benzene	ND	µg/L	2
cis-1,3-Dichloropropene	ND	µg/L	2
2-Chloroethyl vinyl ether	ND	µg/L	10
Bromoform	ND	µg/L	2
4-Methyl-2-pentanone	ND	µg/L	10
2-Hexanone	ND	µg/L	10
1,1,2,2-Tetrachloroethane	ND	µg/L	2
Tetrachloroethene -----	490	µg/L	2
Toluene -----	47	µg/L	2
Chlorobenzene	ND	µg/L	2
Ethyl benzene	ND	µg/L	2
Styrene	ND	µg/L	2
Total xylenes	ND	µg/L	2

ND = Not detected.

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HAZARDOUS SUBSTANCE LIST (HSL) VOLATILE ORGANICS

EPA Method 624/HSL List

Client Name: ERTClient ID: 46823 SBLaboratory ID: 5160-21Matrix: WaterSampled: 08/26/87Received: 08/27/87Authorized: 08/27/87Prepared: 09/03/87Analyzed: 09/03/87

Parameter	Result	Units	Reporting Limit
Chloromethane	ND	µg/L	5
Bromomethane	ND	µg/L	5
Vinyl chloride	ND	µg/L	5
Chloroethane	ND	µg/L	5
Methylene chloride	ND	µg/L	10
Acetone	ND	µg/L	50
Carbon disulfide	ND	µg/L	2
1,1-Dichloroethene	ND	µg/L	2
1,1-Dichloroethane	ND	µg/L	2
trans-1,2-Dichloroethene	ND	µg/L	2
Chloroform	ND	µg/L	2
1,2-Dichloroethane	ND	µg/L	2
2-Butanone	ND	µg/L	2
1,1,1-Trichloroethane	ND	µg/L	10
Carbon tetrachloride	ND	µg/L	2
Vinyl acetate	ND	µg/L	2
Bromodichloromethane	ND	µg/L	10
1,2-Dichloropropane	ND	µg/L	2
trans-1,3-Dichloropropene	ND	µg/L	2
Trichloroethene	ND	µg/L	2
Dibromochloromethane	ND	µg/L	2
1,1,2-Trichloroethane	ND	µg/L	2
Benzene	ND	µg/L	2
cis-1,3-Dichloropropene	ND	µg/L	2
2-Chloroethyl vinyl ether	ND	µg/L	10
Bromoform	ND	µg/L	2
4-Methyl-2-pentanone	ND	µg/L	10
2-Hexanone	ND	µg/L	10
1,1,2,2-Tetrachloroethane	ND	µg/L	2
Tetrachloroethene	ND	µg/L	2
Toluene	ND	µg/L	2
Chlorobenzene	ND	µg/L	2
Ethyl benzene	ND	µg/L	2
Styrene	ND	µg/L	2
Total xylenes	ND	µg/L	2

ND = Not detected.

Reported by SL Approved by SL

HAZARDOUS SUBSTANCE LIST (HSL) VOLATILE ORGANICS

EPA Method 624/HSL List

Client Name: ERTClient ID: 46824 ~~VC-10-1~~ FB2 Field Blank 2Laboratory ID: 5160-22Matrix: WaterSampled: 08/27/87Received: 08/27/87Authorized: 08/27/87Prepared: 09/03/87Analyzed: 09/03/87

<u>Parameter</u>	<u>Result</u>	<u>Units</u>	<u>Reporting Limit</u>
Chloromethane	ND	µg/L	5
Bromomethane	ND	µg/L	5
Vinyl chloride	ND	µg/L	5
Chloroethane	ND	µg/L	5
Methylene chloride	ND	µg/L	5
Acetone	ND	µg/L	5
Carbon disulfide	ND	µg/L	50
1,1-Dichloroethene	ND	µg/L	2
1,1-Dichloroethane	ND	µg/L	2
trans-1,2-Dichloroethene	ND	µg/L	2
Chloroform	ND	µg/L	2
1,2-Dichloroethane	ND	µg/L	2
2-Butanone	ND	µg/L	2
1,1,1-Trichloroethane	ND	µg/L	10
Carbon tetrachloride	ND	µg/L	2
Vinyl acetate	ND	µg/L	2
Bromodichloromethane	ND	µg/L	10
1,2-Dichloropropane	ND	µg/L	2
trans-1,3-Dichloropropene	ND	µg/L	2
Trichloroethene	ND	µg/L	2
Dibromochloromethane	ND	µg/L	2
1,1,2-Trichloroethane	ND	µg/L	2
Benzene	ND	µg/L	2
cis-1,3-Dichloropropene	ND	µg/L	2
2-Chloroethyl vinyl ether	ND	µg/L	2
Bromoform	ND	µg/L	10
4-Methyl-2-pentanone	ND	µg/L	2
2-Hexanone	ND	µg/L	10
1,1,2,2-Tetrachloroethane	ND	µg/L	10
Tetrachloroethene	ND	µg/L	2
Toluene	ND	µg/L	2
Chlorobenzene	ND	µg/L	2
Ethyl benzene	ND	µg/L	2
Styrene	ND	µg/L	2
Total xylenes	ND	µg/L	2

ND = Not detected.

Reported by STApproved by ST ST

VOLATILE ORGANICS

Surrogate Recovery Summary

Client Name: ERTMatrix: WaterAuthorized: 08/27/87Received: 08/27/87

LAB ID	Field ID	Client ID	Surrogate Compound		
			d ₄ -1,2,-Dichloro-ethane	d ₆ -Toluene	p-Bromofluorobenzene
5160-01	VC-9-2	46766	91	116	85 ✓
5160-02	VC-9-3	46767	90	119	84 ✓
5160-03	VC-9-4	46768	110	92	109 ✓
5160-04	VC-9-6	46769	95	102	96 ✓
5160-05	VC-9-60	46770	97	103	93 ✓
5160-06	FB-1	46771	92	108	89 ✓
5160-07	SB	46772	103	100	96 ✓
5160-08	VC-10-2	46773	113	95	108 ✓
5160-09	VC-10-3	46774	92	119	85 ✓
5160-10	VC-10-4	46775	114	93	110 ✓
5160-11	VC-10-5	46776	103	108	88 ✓
5160-12	VC-10-6	46777	81	120	87 ✓
5160-13	VC-7-1	46778	113	93	109 ✓
5160-14	VC-7-2	46779	115	95	109 ✓
5160-15	VC-7-2D	46780	114	96	109 ✓
5160-16	VC-7-3	46781	94	99	101 ✓
5160-17	VC-7-4	46782	100	102	98
5160-18	VC-7-5	46783	99	93	104 ✓
5160-19	FB	46784	105	102	99 ✓
5160-20	VC-10-14	46822	96	101	100 ✓
5160-21	SB	46823	96	104	100 ✓
5160-22	VC-10-14	46824	100	103	101 ✓
5160-23	VC-9-1	46821	102	100	103 ✓

QC Advisory Limits:

76-114%

61-110%

74-115%

Reported by SAApproved by Am

✓

PRIORITY POLLUTANT VOLATILE ORGANICS

EPA Method 624 + 624/HSL L1st

QUALITY CONTROL

Client Name: ERT

Client ID: Laboratory Control Spike

Laboratory ID: 9919LCS

Matrix: Water

Prepared: 09/02/87

Analyzed: 09/02/87

<u>Parameter</u>	<u>% Recovery</u>	<u>QC Advisory Limits</u>
1,1-Dichloroethe	86	61 - 145%
Trichloroethene	84	71 - 120%
Benzene	80	76 - 127%
Toluene	81	76 - 125%
Chlorobenzene	88	75 - 130%

✓
up

Reported by

LB

Approved by

Am ✓
up

PRIORITY POLLUTANT VOLATILE ORGANICS

EPA Method 624 + 624/HSL L1st

QUALITY CONTROL

Client Name: ERT

Client ID: Laboratory Control Spike Dup.

Laboratory ID: 9931LCSD

Matrix: Water

Prepared: 09/02/87

Analyzed: 09/02/87

<u>Parameter</u>	<u>% Recovery</u>	<u>QC Advisory Limits</u>
1,1-Dichloroethe	92	61 - 145%
Trichloroethene	91	71 - 120%
Benzene	92	76 - 127%
Toluene	90	76 - 125%
Chlorobenzene	91	75 - 130%

Reported by

CB

Approved by

cfu

HAZARDOUS SUBSTANCE LIST (HSL) VOLATILE ORGANICS

EPA Method 624/HSL List

Client Name: ERTClient ID: Lab Procedural Blank - WaterLaboratory ID: 9986Matrix: WaterSampled: NAReceived: NAAuthorized: NAPrepared: 09/06/87Analyzed: 09/06/87

<u>Parameter</u>	<u>Result</u>	<u>Units</u>	<u>Reporting Limit</u>
Chloromethane	ND	µg/L	5
Bromomethane	ND	µg/L	5
Vinyl chloride	ND	µg/L	5
Chloroethane	ND	µg/L	5
Methylene chloride	ND	µg/L	5
Acetone	ND	µg/L	50
Carbon disulfide	ND	µg/L	2
1,1-Dichloroethene	ND	µg/L	2
1,1-Dichloroethane	ND	µg/L	2
trans-1,2-Dichloroethene	ND	µg/L	2
Chloroform	ND	µg/L	2
1,2-Dichloroethane	ND	µg/L	2
2-Butanone	ND	µg/L	10
1,1,1-Trichloroethane	ND	µg/L	2
Carbon tetrachloride	ND	µg/L	2
Vinyl acetate	ND	µg/L	10
Bromodichloromethane	ND	µg/L	2
1,2-Dichloropropane	ND	µg/L	2
trans-1,3-Dichloropropene	ND	µg/L	2
Trichloroethene	ND	µg/L	2
Dibromochloromethane	ND	µg/L	2
1,1,2-Trichloroethane	ND	µg/L	2
Benzene	ND	µg/L	2
cis-1,3-Dichloropropene	ND	µg/L	2
2-Chloroethyl vinyl ether	ND	µg/L	10
Bromoform	ND	µg/L	2
4-Methyl-2-pentanone	ND	µg/L	10
2-Hexanone	ND	µg/L	10
1,1,2,2-Tetrachloroethane	ND	µg/L	2
Tetrachloroethene	ND	µg/L	2
Toluene	ND	µg/L	2
Chlorobenzene	ND	µg/L	2
Ethyl benzene	ND	µg/L	2
Styrene	ND	µg/L	2
Total xylenes	ND	µg/L	2

NA = Not applicable.

ND = Not detected.

Reported by C43Approved by shu JP

HAZARDOUS SUBSTANCE LIST (HSL) VOLATILE ORGANICS

EPA Method 624/HSL List

Client Name: ERTClient ID: Lab Procedural Blank - WaterLaboratory ID: 9976Matrix: WaterSampled: NAReceived: NAAuthorized: NAPrepared: 09/04/87Analyzed: 09/04/87

<u>Parameter</u>	<u>Result</u>	<u>Units</u>	<u>Reporting Limit</u>
Chloromethane	ND	µg/L	5
Bromomethane	ND	µg/L	5
Vinyl chloride	ND	µg/L	5
Chloroethane	ND	µg/L	5
Methylene chloride	ND	µg/L	10
Acetone	ND	µg/L	50
Carbon disulfide	ND	µg/L	2
1,1-Dichloroethene	ND	µg/L	2
1,1-Dichloroethane	ND	µg/L	2
trans-1,2-Dichloroethene	ND	µg/L	2
Chloroform	ND	µg/L	2
1,2-Dichloroethane	ND	µg/L	2
2-Butanone	ND	µg/L	10
1,1,1-Trichloroethane	ND	µg/L	2
Carbon tetrachloride	ND	µg/L	2
Vinyl acetate	ND	µg/L	10
Bromodichloromethane	ND	µg/L	2
1,2-Dichloropropane	ND	µg/L	2
trans-1,3-Dichloropropene	ND	µg/L	2
Trichloroethene	ND	µg/L	2
Dibromochloromethane	ND	µg/L	2
1,1,2-Trichloroethane	ND	µg/L	2
Benzene	ND	µg/L	2
cis-1,3-Dichloropropene	ND	µg/L	2
2-Chloroethyl vinyl ether	ND	µg/L	10
Bromoform	ND	µg/L	2
4-Methyl-2-pentanone	ND	µg/L	10
2-Hexanone	ND	µg/L	10
1,1,2,2-Tetrachloroethane	ND	µg/L	2
Tetrachloroethene	ND	µg/L	2
Toluene	ND	µg/L	2
Chlorobenzene	ND	µg/L	2
Ethyl benzene	ND	µg/L	2
Styrene	ND	µg/L	2
Total xylenes	ND	µg/L	2

NA = Not applicable.

ND = Not detected.

Reported by

CB

Approved by

APLY

HAZARDOUS SUBSTANCE LIST (HSL) VOLATILE ORGANICS

EPA Method 624/HSL List

Client Name: ERT

Client ID: Lab Procedural Blank - Water

Laboratory ID: 9997

Matrix: Water Sampled: NA Received: NA

Authorized: NA Prepared: 09/08/87 Analyzed: 09/08/87

<u>Parameter</u>	<u>Result</u>	<u>Units</u>	<u>Reporting Limit</u>
Chloromethane	ND	µg/L	5
Bromomethane	ND	µg/L	5
Vinyl chloride	ND	µg/L	5
Chloroethane	ND	µg/L	5
Methylene chloride	ND	µg/L	5
Acetone	ND	µg/L	50
Carbon disulfide	ND	µg/L	2
1,1-Dichloroethene	ND	µg/L	2
1,1-Dichloroethane	ND	µg/L	2
trans-1,2-Dichloroethene	ND	µg/L	2
Chloroform	ND	µg/L	2
1,2-Dichloroethane	ND	µg/L	2
2-Butanone	ND	µg/L	10
1,1,1-Trichloroethane	ND	µg/L	2
Carbon tetrachloride	ND	µg/L	2
Vinyl acetate	ND	µg/L	10
Bromodichloromethane	ND	µg/L	2
1,2-Dichloropropane	ND	µg/L	2
trans-1,3-Dichloropropene	ND	µg/L	2
Trichloroethene	ND	µg/L	2
Dibromochloromethane	ND	µg/L	2
1,1,2-Trichloroethane	ND	µg/L	2
Benzene	ND	µg/L	2
cis-1,3-Dichloropropene	ND	µg/L	2
2-Chloroethyl vinyl ether	ND	µg/L	10
Bromoform	ND	µg/L	2
4-Methyl-2-pentanone	ND	µg/L	10
2-Hexanone	ND	µg/L	10
1,1,2,2-Tetrachloroethane	ND	µg/L	2
Tetrachloroethene	ND	µg/L	2
Toluene	ND	µg/L	2
Chlorobenzene	ND	µg/L	2
Ethyl benzene	ND	µg/L	2
Styrene	ND	µg/L	2
Total xylenes	ND	µg/L	2

NA = Not applicable.

ND = Not detected.

Reported by

CB

Approved by

ANVH

HAZARDOUS SUBSTANCE LIST (HSL) VOLATILE ORGANICS

EPA Method 624/HSL List

Client Name: ERTClient ID: Lab Procedural Blank - WaterLaboratory ID: K826Matrix: WaterSampled: NAReceived: NAAuthorized: NAPrepared: 09/04/87Analyzed: 09/04/87

<u>Parameter</u>	<u>Result</u>	<u>Units</u>	<u>Reporting Limit</u>
Chloromethane	ND	µg/L	5
Bromomethane	ND	µg/L	5
Vinyl chloride	ND	µg/L	5
Chloroethane	ND	µg/L	5
Methylene chloride	ND	µg/L	5
Acetone	ND	µg/L	50
Carbon disulfide	ND	µg/L	2
1,1-Dichloroethene	ND	µg/L	2
1,1-Dichloroethane	ND	µg/L	2
trans-1,2-Dichloroethene	ND	µg/L	2
Chloroform	ND	µg/L	2
1,2-Dichloroethane	ND	µg/L	2
2-Butanone	ND	µg/L	10
1,1,1-Trichloroethane	ND	µg/L	2
Carbon tetrachloride	ND	µg/L	2
Vinyl acetate	ND	µg/L	10
Bromodichloromethane	ND	µg/L	2
1,2-Dichloropropane	ND	µg/L	2
trans-1,3-Dichloropropene	ND	µg/L	2
Trichloroethene	ND	µg/L	2
Dibromochloromethane	ND	µg/L	2
1,1,2-Trichloroethane	ND	µg/L	2
Benzene	ND	µg/L	2
cis-1,3-Dichloropropene	ND	µg/L	2
2-Chloroethyl vinyl ether	ND	µg/L	10
Bromoform	ND	µg/L	2
4-Methyl-2-pentanone	ND	µg/L	10
2-Hexanone	ND	µg/L	10
1,1,2,2-Tetrachloroethane	ND	µg/L	2
Tetrachloroethene	ND	µg/L	2
Toluene	ND	µg/L	2
Chlorobenzene	ND	µg/L	2
Ethyl benzene	ND	µg/L	2
Styrene	ND	µg/L	2
Total xylenes	ND	µg/L	2

NA = Not applicable.

ND = Not detected.

Reported by

CB

Approved by

AmJP

HAZARDOUS SUBSTANCE LIST (HSL) VOLATILE ORGANICS

EPA Method 624/HSL List

Client Name: ERTClient ID: Lab Procedural Blank - WaterLaboratory ID: 8062Matrix: WaterSampled: NAReceived: NAAuthorized: NAPrepared: 09/10/87Analyzed: 09/10/87

<u>Parameter</u>	<u>Result</u>	<u>Units</u>	<u>Reporting Limit</u>
Chloromethane	ND	µg/L	5
Bromomethane	ND	µg/L	5
Vinyl chloride	ND	µg/L	5
Chloroethane	ND	µg/L	5
Methylene chloride	ND	µg/L	5
Acetone	ND	µg/L	5
Carbon disulfide	ND	µg/L	50
1,1-Dichloroethene	ND	µg/L	2
1,1-Dichloroethane	ND	µg/L	2
trans-1,2-Dichloroethene	ND	µg/L	2
Chloroform	ND	µg/L	2
1,2-Dichloroethane	ND	µg/L	2
2-Butanone	ND	µg/L	2
1,1,1-Trichloroethane	ND	µg/L	10
Carbon tetrachloride	ND	µg/L	2
Vinyl acetate	ND	µg/L	2
Bromodichloromethane	ND	µg/L	10
1,2-Dichloropropane	ND	µg/L	2
trans-1,3-Dichloropropene	ND	µg/L	2
Trichloroethene	ND	µg/L	2
Dibromochloromethane	ND	µg/L	2
1,1,2-Trichloroethane	ND	µg/L	2
Benzene	ND	µg/L	2
cis-1,2-Dichloropropene	ND	µg/L	2
2-Chloroethyl vinyl ether	ND	µg/L	10
Bromoform	ND	µg/L	2
4-Methyl-2-pentanone	ND	µg/L	10
2-Hexanone	ND	µg/L	10
1,1,2,2-Tetrachloroethane	ND	µg/L	2
Tetrachloroethene	ND	µg/L	2
Toluene	ND	µg/L	2
Chlorobenzene	ND	µg/L	2
Ethyl benzene	ND	µg/L	2
Styrene	ND	µg/L	2
Total xylenes	ND	µg/L	2

NA = Not applicable.

ND = Not detected.

Reported by CBApproved by Am up

HAZARDOUS SUBSTANCE LIST (HSL) VOLATILE ORGANICS

EPA Method 624/HSL List

Client Name: ERTClient ID: Lab Procedural Blank - WaterLaboratory ID: K785Matrix: WaterSampled: NAReceived: NAAuthorized: NAPrepared: 09/02/87Analyzed: 09/02/87

<u>Parameter</u>	<u>Result</u>	<u>Units</u>	<u>Reporting Limit</u>
Chloromethane	ND	µg/L	5
Bromomethane	ND	µg/L	5
Vinyl chloride	ND	µg/L	5
Chloroethane	ND	µg/L	5
Methylene chloride	ND	µg/L	5
Acetone	ND	µg/L	50
Carbon disulfide	ND	µg/L	2
1,1-Dichloroethene	ND	µg/L	2
1,1-Dichloroethane	ND	µg/L	2
trans-1,2-Dichloroethene	ND	µg/L	2
Chloroform	ND	µg/L	2
1,2-Dichloroethane	ND	µg/L	2
2-Butanone	ND	µg/L	10
1,1,1-Trichloroethane	ND	µg/L	2
Carbon tetrachloride	ND	µg/L	2
Vinyl acetate	ND	µg/L	10
Bromodichloromethane	ND	µg/L	2
1,2-Dichloropropane	ND	µg/L	2
trans-1,3-Dichloropropene	ND	µg/L	2
Trichloroethene	ND	µg/L	2
Dibromochloromethane	ND	µg/L	2
1,1,2-Trichloroethane	ND	µg/L	2
Benzene	ND	µg/L	2
cis-1,3-Dichloropropene	ND	µg/L	2
2-Chloroethyl vinyl ether	ND	µg/L	10
Bromoform	ND	µg/L	2
4-Methyl-2-pentanone	ND	µg/L	10
2-Hexanone	ND	µg/L	10
1,1,2,2-Tetrachloroethane	ND	µg/L	2
Tetrachloroethene	ND	µg/L	2
Toluene	ND	µg/L	2
Chlorobenzene	ND	µg/L	2
Ethyl benzene	ND	µg/L	2
Styrene	ND	µg/L	2
Total xylenes	ND	µg/L	2

NA = Not applicable.

ND = Not detected.

Reported by _____ Approved by _____

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HAZARDOUS SUBSTANCE LIST (HSL) VOLATILE ORGANICS

EPA Method 624/HSL List

Client Name: ERT
Client ID: Lab Procedural Blank - Water
Laboratory ID: 9930
Matrix: Water Sampled: NA Received: NA
Authorized: NA Prepared: 09/02/87 Analyzed: 09/02/87

<u>Parameter</u>	<u>Result</u>	<u>Units</u>	<u>Reporting Limit</u>
Chloromethane	ND	µg/L	5
Bromomethane	ND	µg/L	5
Vinyl chloride	ND	µg/L	5
Chloroethane	ND	µg/L	5
Methylene chloride	ND	µg/L	5
Acetone	ND	µg/L	50
Carbon disulfide	ND	µg/L	2
1,1-Dichloroethene	ND	µg/L	2
1,1-Dichloroethane	ND	µg/L	2
trans-1,2-Dichloroethene	ND	µg/L	2
Chloroform	ND	µg/L	2
1,2-Dichloroethane	ND	µg/L	2
2-Butanone	ND	µg/L	10
1,1,1-Trichloroethane	ND	µg/L	2
Carbon tetrachloride	ND	µg/L	2
Vinyl acetate	ND	µg/L	10
Bromodichloromethane	ND	µg/L	2
1,2-Dichloropropane	ND	µg/L	2
trans-1,3-Dichloropropene	ND	µg/L	2
Trichloroethene	ND	µg/L	2
Dibromochloromethane	ND	µg/L	2
1,1,2-Trichloroethane	ND	µg/L	2
Benzene	ND	µg/L	2
cis-1,3-Dichloropropene	ND	µg/L	2
2-Chloroethyl vinyl ether	ND	µg/L	10
Bromoform	ND	µg/L	2
4-Methyl-2-pentanone	ND	µg/L	10
2-Hexanone	ND	µg/L	10
1,1,2,2-Tetrachloroethane	ND	µg/L	2
Tetrachloroethene	ND	µg/L	2
Toluene	ND	µg/L	2
Chlorobenzene	ND	µg/L	2
Ethyl benzene	ND	µg/L	2
Styrene	ND	µg/L	2
Total xylenes	ND	µg/L	2

NA = Not applicable.

ND = Not detected.

Reported by CB Approved by Am Sup

VOLATILE ORGANICS

Surrogate Recovery Summary

Client Name: ERTMatrix: WaterAuthorized: 08/27/87Received: 08/27/87

ID	Client ID	Surrogate Compound		
		d ₄ -1,2,-Dichloro-ethane	d ₈ -Toluene	p-Bromofluoro-benzene
8062	Lab Procedural Blank - Water	103	110	86 ✓
K785	Lab Procedural Blank - Water	96	99	100 ✓
9997	Lab Procedural Blank - Water	93	101	101 ✓
K826	Lab Procedural Blank - Water	96	100	103 ✓
9976	Lab Procedural Blank - Water	93	101	96 ✓
9930	Lab Procedural Blank - Water	98	101	98 ✓
9986	Lab Procedural Blank - Water	91	117	84 ✓

QC Advisory Limits:

76-114%

61-110%

74-115%

Reported by Sa Approved by sfu

CHAIN-OF-CUSTODY

UNIFIRST

WOBURN, MA

CHAIN OF CUSTODY RECORD

Client/Project Name UniFirst			Project Location Woburn MA			<div style="display: flex; justify-content: space-between;"> <div style="writing-mode: vertical-rl; transform: rotate(180deg);">124</div> <div>ANALYSES</div> </div>					
Project No. 0095-003			Field Logbook No.								
Sampler: (Signature) <i>Jerry Ryan</i>			Chain of Custody Tape No.								
Sample No./ Identification	Date	Time	Lab Sample Number	Type of Sample	REMARKS						
VC-9-2	8/24/87		46766	WATER	✓						3 VOA VIALS
VC-9-3			46767		↓						
VC-9-4			46768		↓						
VC-9-6			46769		↓						
VC-9-60			46770		↓						
EB-1			46771		↓						2 VOA VIALS
Shipping Box	8/25/87		46772		↓						3 VOA VIALS
Relinquished by: (Signature) <i>Jerry Ryan</i>				Date 8/24/87	Time 17:00	Received by: (Signature)				Date	Time
Relinquished by: (Signature)				Date	Time	Received by: (Signature)				Date	Time
Relinquished by: (Signature)				Date	Time	Received for Laboratory: (Signature) <i>Emilio Kell</i>				Date 8/24/87	Time 17:00
Sample Disposal Method:				Disposed of by: (Signature)						Date	Time
SAMPLE COLLECTOR Environmental Research and Technology, Inc. 696 Virginia Road Concord, MA 01742 617-369-8910				ANALYTICAL LABORATORY						ERT	
										No 7296	

CHAIN OF CUSTODY RECORD

Client/Project Name UniFirst			Project Location Woburn MA			<div style="display: flex; justify-content: space-between;"> <div style="writing-mode: vertical-rl; transform: rotate(180deg);">624</div> <div>ANALYSES</div> </div>					
Project No. D415-003			Field Logbook No.								
Sampler: (Signature) <i>Jerry Olson</i>			Chain of Custody Tape No.								

Sample No. / Identification	Date	Time	Lab Sample Number	Type of Sample	REMARKS
UC-10-1	8/24/87		46775	WATER	
UC-10-2	8/24/87		46773	WATER	3 VOA VIALS
-3			46775		
-4			46775		
-5			46776		
✓ -6	✓		46776 46777		

Relinquished by: (Signature) <i>Jerry Olson</i>		Date 8/24/87	Time 17:00	Received by: (Signature)		Date	Time
Relinquished by: (Signature)		Date	Time	Received by: (Signature)		Date	Time
Relinquished by: (Signature)		Date	Time	Received for Laboratory: (Signature) <i>Emilio Reel</i>		Date 8/26/87	Time 17:00
Sample Disposal Method:				Disposed of by: (Signature)		Date	Time

SAMPLE COLLECTOR Environmental Research and Technology, Inc. 696 Virginia Road Concord, MA 01742 617-369-8910	ANALYTICAL LABORATORY	<div style="font-size: 2em; font-weight: bold; margin-bottom: 10px;">ERT</div> <div>Nº 7297</div>
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CHAIN OF CUSTODY RECORD

Client/Project Name UN: FIRST			Project Location Woburn MA			<div style="border: 1px solid black; padding: 5px;">ANALYSES</div> <div style="border: 1px solid black; padding: 5px; margin-top: 10px;">624</div>					
Project No. 0495-003			Field Logbook No.								
Sampler: (Signature) <i>[Signature]</i>			Chain of Custody Tape No.								
Sample No./ Identification	Date	Time	Lab Sample Number	Type of Sample	REMARKS						
VC-7-1	8/26/87		46778	LATER	✓						3 VOA VIALS
-2			46779								
-20			46780								
-3			46781								
-4			46782								
-5			46783								
F.B-			46784								
VC-7-1											1 VOA VIALS
Relinquished by: (Signature) <i>[Signature]</i>				Date 8/24/87	Time 17:00	Received by: (Signature)				Date	Time
Relinquished by: (Signature)				Date	Time	Received by: (Signature)				Date	Time
Relinquished by: (Signature)				Date	Time	Received for Laboratory: (Signature) <i>Emilia Keel</i>				Date 8/24/87	Time 17:00
Sample Disposal Method:				Disposed of by: (Signature)				Date	Time		
SAMPLE COLLECTOR Environmental Research and Technology, Inc. 696 Virginia Road Concord, MA 01742 617-369-8910				ANALYTICAL LABORATORY						ERT	
										Nº 7295	



SAMPLE RECEIPT CHECK LIST

Client: • UNIFIRST, Woburn 0005-407

COC Record #(s): 7296, 7297, 7295, 10488

Matrix	Container	ERT #(s)
WATER	3 VCC Vial	46766-46784, 46321-24

1. Were samples shipped or hand-delivered?

Notes:

Yes ☒ No ☐

2. Was COC record present upon receipt of samples?

Notes:

Yes ☐ No ☒

3. Was COC tape present/unbroken on outer package?

Notes:

4. Were samples received ambient or chilled?

Notes:

Yes ☐ No ☒

5. Were any samples received broken/leaking (improperly sealed)?

Notes:

Yes ☒ No ☐

6. Were samples properly preserved?

Notes:

Yes ☐ No ☒

7. Were COC types present/unbroken on samples?

Notes:

Yes ☐ No ☒

8. Any discrepancies between sample labels and COC records?

Notes:

Yes ☒ No ☐

9. Were samples received within holding times?

Notes:

Additional Comments:

in RF

Samples inspected and logged in by

Date: 8/26/87

8/27/87